MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1, 2017/2018

MID2003 – INTERFACE MODELING

(All sections / Groups)

14 OCTOBER 2017
9.00 a.m. - 11.00 a.m.
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This Question paper consists of 4 pages with 5 Questions only.
2. Answer **FOUR** out of FIVE questions. All questions carry equal marks and the distribution of the marks for each question is given.
3. Please print all your answers in the Answer Booklet provided.

1. A) Discuss 3 special features in RHINO 5.

(15 marks)

B) Fill in these blank in this statement.

NURBS, _____, are _____ representations of 3D geometry that can accurately describe any shape from a simple _____, _____, _____, or _____ to the most complex 3D organic free-form surface or solid. Because of their _____ and _____, NURBS models can be used in any process from _____ and animation to _____.

(10 marks)

(Total 25 marks)

2. A) NURBS geometry has five important qualities that make it an ideal choice for computer-aided modeling.

Discuss 3 of these important qualities.

(15 marks)

B) Consider RHINO 5 display features include fast 3D graphics and unlimited viewports.

List another 5 of these features.

(10marks)

(Total 25 marks)

Continued...

3. A) Discuss the usage of BRAZIL for RHINO in these industries:
   i. Product Design
   ii. Transportation Design
   iii. Architectural Design

(15 marks)

B) BRAZIL's advanced raytrace engine simulates a wide range of effects.

Describe 5 of these effects.

(10 marks)

(Total 25 marks)

4. A) Briefly describe 5 KEYSHOT features.

(10Marks)

B) Name these KEYSHOT TOOLBAR icons accordingly (Figure 1).

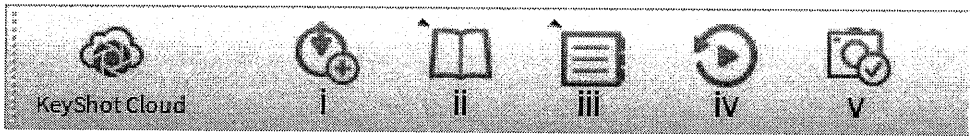

Figure 1

(5 marks)

C) Brief 5 steps of using KEYSHOT

(5 marks)

(Total 25 marks)

Continued...

5. A) Designers are able to create high-quality, animated product visual faster with KEYSHOT ANIMATION.

   Discuss 5 features of KEYSHOT ANIMATION.

   (15 marks)

   B) Describe 5 types of camera in KEYSHOT ANIMATION.

   (10 marks)
   (Total 25 marks)

End of Page.